

Tryphon T Georgiou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

196
papers

4,161
citations

35
h-index

58
g-index

232
ext. papers

5,287
ext. citations

3.9
avg, IF

5.93
L-index

#	Paper	IF	Citations
196	On the Relation Between Information and Power in Stochastic Thermodynamic Engines 2022 , 6, 434-439		0
195	Macroscopic network circulation for planar graphs. <i>IEEE Transactions on Control of Network Systems</i> , 2022 , 1-1	4	
194	Energy harvesting from anisotropic fluctuations. <i>Physical Review E</i> , 2021 , 104, 044101	2.4	0
193	Underdamped stochastic thermodynamic engines in contact with a heat bath with arbitrary temperature profile. <i>Physical Review E</i> , 2021 , 103, 062103	2.4	0
192	Statistical Learning in Wasserstein Space 2021 , 5, 899-904		2
191	Maximal power output of a stochastic thermodynamic engine. <i>Automatica</i> , 2021 , 123, 109366	5.7	4
190	Optimal Transport in Systems and Control. <i>Annual Review of Control, Robotics, and Autonomous Systems</i> , 2021 , 4, 89-113	11.8	2
189	Regularized Transport Between Singular Covariance Matrices. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3339-3346	5.9	
188	Rotated Spectral Principal Component Analysis (rsPCA) for Identifying Dynamical Modes of Variability in Climate Systems. <i>Journal of Climate</i> , 2021 , 34, 715-736	4.4	3
187	On a Fejér factorization of generalized trigonometric polynomials. <i>Communications in Information and Systems</i> , 2021 , 21, 371-384	0.8	
186	Stochastic Control Liaisons: Richard Sinkhorn Meets Gaspard Monge on a Schrödinger Bridge. <i>SIAM Review</i> , 2021 , 63, 249-313	7.4	7
185	Fast and Asymptotic Steering to a Steady State for Networks Flows. <i>Lecture Notes in Computer Science</i> , 2021 , 860-868	0.9	
184	Controlling Uncertainty. <i>IEEE Control Systems</i> , 2021 , 41, 82-94	2.9	0
183	Fractional SIR epidemiological models. <i>Scientific Reports</i> , 2020 , 10, 20882	4.9	7
182	Fractional SIR Epidemiological Models 2020 ,		2
181	Stochastic control and non-equilibrium thermodynamics: fundamental limits. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1	5.9	7
180	Proximal Algorithms for Large-Scale Statistical Modeling and Sensor/Actuator Selection. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3441-3456	5.9	9

179	Stochastic Dynamical Modeling of Turbulent Flows. <i>Annual Review of Control, Robotics, and Autonomous Systems</i> , 2020 , 3, 195-219	11.8	13
178	Stability Theory of Stochastic Models in Opinion Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 522-533	5.9	8
177	On the matrix Monge-Kantorovich problem. <i>European Journal of Applied Mathematics</i> , 2020 , 31, 574-600	1	6
176	Relaxed Schrödinger bridges and robust network routing. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 923-931	4	6
175	Principles of Lossless Adjustable One-Ports. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 252-262	5.9	3
174	Dynamic Relations in Sampled Processes 2019 , 3, 144-149		1
173	Interpolation of matrices and matrix-valued densities: The unbalanced case. <i>European Journal of Applied Mathematics</i> , 2019 , 30, 458-480	1	7
172	Network curvature as a hallmark of brain structural connectivity. <i>Nature Communications</i> , 2019 , 10, 4937	17.4	27
171	Multi-marginal Schrödinger Bridges. <i>Lecture Notes in Computer Science</i> , 2019 , 725-732	0.9	2
170	Opinion Dynamics over Influence Networks 2019 ,		2
169	Covariance steering in zero-sum linear-quadratic two-player differential games 2019 ,		3
168	2019 ,		2
167	Efficient Robust Routing for Single Commodity Network Flows. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2287-2294	5.9	7
166	The Role of the Time-Arrow in Mean-Square Estimation of Stochastic Processes 2018 , 2, 85-90		0
165	Rudolf E. Kalman's quest for algebraic characterizations of positivity. <i>Annual Reviews in Control</i> , 2018 , 45, 205-206	10.3	1
164	Matrix Optimal Mass Transport: A Quantum Mechanical Approach. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2612-2619	5.9	20
163	Optimal Steering of a Linear Stochastic System to a Final Probability Distribution Part III. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3112-3118	5.9	19
162	Vector-Valued Optimal Mass Transport. <i>SIAM Journal on Applied Mathematics</i> , 2018 , 78, 1682-1696	1.8	13

161	An Efficient Algorithm for Matrix-Valued and Vector-Valued Optimal Mass Transport. <i>Journal of Scientific Computing</i> , 2018 , 77, 79-100	2.3	9
160	Wasserstein Geometry of Quantum States and Optimal Transport of Matrix-Valued Measures. <i>Lecture Notes in Control and Information Sciences - Proceedings</i> , 2018 , 139-150	0.2	7
159	Optimal transport for Gaussian mixture models. <i>IEEE Access</i> , 2018 , 7, 6269-6278	3.5	20
158	Measure-Valued Spline Curves: An Optimal Transport Viewpoint. <i>SIAM Journal on Mathematical Analysis</i> , 2018 , 50, 5947-5968	1.7	11
157	Some Personal Reminiscences About Bruce Allen Francis [Historical Perspectives]. <i>IEEE Control Systems</i> , 2018 , 38, 93-95	2.9	
156	Gradient Flows in Filtering and Fisher-Rao Geometry 2018 ,		7
155	Diffusion Dynamics and Optimal Coupling in Multiplex Networks with Directed Layers. <i>Physical Review X</i> , 2018 , 8,	9.1	25
154	Steering the Distribution of Agents in Mean-Field Games System. <i>Journal of Optimization Theory and Applications</i> , 2018 , 179, 332-357	1.6	9
153	Regularization and Interpolation of Positive Matrices. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1208-1212	5.9	3
152	Colour of turbulence. <i>Journal of Fluid Mechanics</i> , 2017 , 812, 636-680	3.7	56
151	Likelihood Analysis of Power Spectra and Generalized Moment Problems. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4580-4592	5.9	7
150	Matricial Wasserstein-1 Distance 2017 , 1, 14-19		6
149	Prof. Rudolf Emil Kalman [Obituary]. <i>IEEE Control Systems</i> , 2017 , 37, 151-152	2.9	3
148	Optimal Estimation With Missing Observations via Balanced Time-Symmetric Stochastic Models. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5590-5603	5.9	1
147	. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 2137-2152	5.9	41
146	Entropy and optimality in river deltas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11651-11656	11.5	36
145	Robust transport over networks. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4675-4682	5.9	16
144	Low-Complexity Modeling of Partially Available Second-Order Statistics: Theory and an Efficient Matrix Completion Algorithm. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 1368-1383	5.9	10

143	Gradient flows in uncertainty propagation and filtering of linear Gaussian systems 2017 ,		7
142	Optimal Steering of a Linear Stochastic System to a Final Probability Distribution, Part II. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1170-1180	5.9	57
141	Entropic and Displacement Interpolation: A Computational Approach Using the Hilbert Metric. <i>SIAM Journal on Applied Mathematics</i> , 2016 , 76, 2375-2396	1.8	34
140	On the Relation Between Optimal Transport and Schrödinger Bridges: A Stochastic Control Viewpoint. <i>Journal of Optimization Theory and Applications</i> , 2016 , 169, 671-691	1.6	91
139	. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1158-1169	5.9	73
138	Brain Tissue Micro-Structure Imaging from Diffusion MRI Using Least Squares Variable Separation. <i>Mathematics and Visualization</i> , 2016 , 55-64	0.6	2
137	Perturbation of system dynamics and the covariance completion problem 2016 ,		5
136	A new approach to robust transportation over networks 2016 ,		1
135	Microstructure Imaging of Crossing (MIX) White Matter Fibers from diffusion MRI. <i>Scientific Reports</i> , 2016 , 6, 38927	4.9	34
134	On the definiteness of graph Laplacians with negative weights: Geometrical and passivity-based approaches 2016 ,		13
133	Ricci curvature: An economic indicator for market fragility and systemic risk. <i>Science Advances</i> , 2016 , 2, e1501495	14.3	51
132	Geometry of correlation networks for studying the biology of cancer 2016 ,		2
131	Linear Models Based on Noisy Data and the Frisch Scheme. <i>SIAM Review</i> , 2015 , 57, 167-197	7.4	9
130	Alternating direction optimization algorithms for covariance completion problems 2015 ,		4
129	Positive contraction mappings for classical and quantum Schrödinger systems. <i>Journal of Mathematical Physics</i> , 2015 , 56, 033301	1.2	25
128	On Matrix-Valued Monge-Kantorovich Optimal Mass Transport. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 373-382	5.9	21
127	Fast cooling for a system of stochastic oscillators. <i>Journal of Mathematical Physics</i> , 2015 , 56, 113302	1.2	17
126	Graph Curvature for Differentiating Cancer Networks. <i>Scientific Reports</i> , 2015 , 5, 12323	4.9	67

125	Stochastic Bridges of Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2015 , 1-1	5.9	1
124	Optimal steering of inertial particles diffusing anisotropically with losses 2015 ,		12
123	Steering state statistics with output feedback 2015 ,		3
122	Optimal Mass Transport over Bridges. <i>Lecture Notes in Computer Science</i> , 2015 , 77-84	0.9	2
121	Validating Aircraft Models in the Gap Metric. <i>Journal of Aircraft</i> , 2014 , 51, 1665-1672	1.6	10
120	Coping with model error in variational data assimilation using optimal mass transport. <i>Water Resources Research</i> , 2014 , 50, 5817-5830	5.4	12
119	On time-reversibility of linear stochastic models. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 10403-10408		4
118	Metrics for Matrix-valued Measures via Test Functions 2014 ,		5
117	Completion of partially known turbulent flow statistics 2014 ,		4
116	On the Geometry of Covariance Matrices. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 787-790	3.2	12
115	Uncertainty Bounds for Spectral Estimation. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1659-1673	5.9	17
114	An ADMM algorithm for matrix completion of partially known state covariances 2013 ,		6
113	Matrix-valued Monge-Kantorovich optimal mass transport 2013 ,		1
112	State covariances and the matrix completion problem 2013 ,		7
111	The Wasserstein metric in Factor Analysis 2013 , 8-12		
110	The Separation Principle in Stochastic Control, Redux. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 2481-2494	5.9	20
109	Distances and Riemannian Metrics for Multivariate Spectral Densities. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1723-1735	5.9	34
108	Geometric Methods for Spectral Analysis. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 1064-1074	4.8	22

107	Metrics for multivariate power spectra 2012 ,		1
106	Revisiting the separation principle in stochastic control 2012 ,		2
105	Optimal Mass Transport for Problems in Control, Statistical Estimation, and Image Analysis 2012 , 311-324		1
104	On the Covariance Completion Problem Under a Circulant Structure. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 918-922	5.9	13
103	Sparse factor analysis via likelihood and ℓ_1 -regularization 2011 ,		8
102	Sparse Blind Source Separation via ℓ_1 -Norm Optimization. <i>Lecture Notes in Control and Information Sciences</i> , 2010 , 321-330	0.5	
101	Separation of system dynamics and line spectra via sparse representation 2010 ,		2
100	Signals and control aspects of optimal mass transport and the Boltzmann entropy 2010 ,		11
99	Memories from My Gainesville Days as a Student of R.E. Kalman [Historical Perspectives]. <i>IEEE Control Systems</i> , 2010 , 30, 102-103	2.9	
98	Feedback control and the arrow of time. <i>International Journal of Control</i> , 2010 , 83, 1325-1338	1.5	10
97	A new method for moving-average parameter estimation 2010 ,		1
96	Analytic Interpolation With a Degree Constraint for Matrix-Valued Functions. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 1075-1088	5.9	5
95	The Inverse Problem of Analytic Interpolation With Degree Constraint and Weight Selection for Control Synthesis. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 405-418	5.9	16
94	Sparse Blind Source Deconvolution with Application to High Resolution Frequency Analysis 2010 , 187-201		
93	Stochastic Observability Test for Discrete-Time Kalman Filters. <i>Journal of Guidance, Control, and Dynamics</i> , 2009 , 32, 1356-1370	2.1	36
92	Metrics for Power Spectra: An Axiomatic Approach. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 859-887		29
91	Geometric concepts and models in power spectral analysis. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 1529-1530		
90	Weight Selection in Feedback Design With Degree Constraints. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 1951-1955	5.9	6

89	A Convex Optimization Approach to ARMA Modeling. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 1108-1119	5.9	22
88	A new distribution metric for image segmentation 2008 ,		8
87	Feedback control and the arrow of time 2008 ,		2
86	Tracking with a new distribution metric in a particle filtering framework 2008 ,		2
85	Optimal periodic control of a drug delivery system. <i>Computers and Chemical Engineering</i> , 2008 , 32, 2256-2262	11	
84	Metrics and Morphing of Power Spectra. <i>Lecture Notes in Control and Information Sciences</i> , 2008 , 125-135	5.5	2
83	The Carathéodory-Bejczy-Bisarenko Decomposition and Its Multivariable Counterpart. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 212-228	5.9	16
82	Distances and Riemannian Metrics for Spectral Density Functions. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 3995-4003	4.8	49
81	The Maximum Entropy Principle in the Absence of a Time-Arrow: Fractional-Pole Models. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 2841-2851	2.8	2
80	Distribution Metrics and Image Segmentation. <i>Linear Algebra and Its Applications</i> , 2007 , 425, 663-672	0.9	16
79	An Intrinsic Metric for Power Spectral Density Functions. <i>IEEE Signal Processing Letters</i> , 2007 , 14, 561-563	3.2	11
78	The fractional integrator as a control design element 2007 ,		1
77	Distances Between Time-Series and Their Autocorrelation Statistics 2007 , 113-122		1
76	Relative entropy and the multivariable multidimensional moment problem. <i>IEEE Transactions on Information Theory</i> , 2006 , 52, 1052-1066	2.8	67
75	Weight Selection in Interpolation with a Dimensionality Constraint 2006 ,		3
74	The Inverse Problem of Analytic Interpolation with Degree Constraint 2006 ,		5
73	Decomposition of Toeplitz Matrices via Convex Optimization. <i>IEEE Signal Processing Letters</i> , 2006 , 13, 537-540	3.2	5
72	Remarks on control design with degree constraint. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 1150-1156	5.9	15

71	Tunable line spectral estimators based on state-covariance subspace analysis. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 2662-2671	4.8	3
70	Avoiding ambiguity in beamspace processing. <i>IEEE Signal Processing Letters</i> , 2005 , 12, 372-375	3.2	7
69	Solution of the general moment problem via a one-parameter imbedding. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 811-826	5.9	36
68	Noninvasive estimation of tissue temperature via high-resolution spectral analysis techniques. <i>IEEE Transactions on Biomedical Engineering</i> , 2005 , 52, 221-8	5	82
67	Generalized interpolation in \mathbb{H}^{∞} with a complexity constraint. <i>Transactions of the American Mathematical Society</i> , 2004 , 358, 965-987	1	40
66	Numerical solution of the optimal periodic control problem using differential flatness. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 271-275	5.9	25
65	Kullback-Leibler approximation of spectral density functions. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 2910-2917	2.8	111
64	Toeplitz Covariance Matrices and the von Neumann Relative Entropy 2003 , 23-29		3
63	Maximal Entropy for Reconstruction of Back Projection Images. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2003 , 57-64	0.5	
62	Spectral analysis based on the state covariance: the maximum entropy spectrum and linear fractional parametrization. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1811-1823	5.9	56
61	The structure of state covariances and its relation to the power spectrum of the input. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1056-1066	5.9	66
60	Spectral estimation via selective harmonic amplification. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 29-42	5.9	51
59	A generalized entropy criterion for Nevanlinna-Pick interpolation with degree constraint. <i>IEEE Transactions on Automatic Control</i> , 2001 , 45, 822-839	5.9	126
58	On the computation of switching surfaces in optimal control: a Grobner basis approach. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 534-540	5.9	22
57	Remarks on "Robustness analysis of nonlinear feedback systems: an input-output approach". <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 171-172	5.9	3
56	Dynamics of relay relaxation oscillators. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 65-77	5.9	75
55	Robustness of a relaxation oscillator. <i>International Journal of Robust and Nonlinear Control</i> , 2000 , 10, 1005-1024	3.6	14
54	Signal estimation via selective harmonic amplification: MUSIC, Redux. <i>IEEE Transactions on Signal Processing</i> , 2000 , 48, 780-790	4.8	24

53	A new approach to spectral estimation: a tunable high-resolution spectral estimator. <i>IEEE Transactions on Signal Processing</i> , 2000 , 48, 3189-3205	4.8	101
52	Advances in High-Resolution Spectral Estimation. <i>Kluwer International Series in Engineering and Computer Science</i> , 2000 , 167-179		
51	Switching surfaces and groebner bases 1999 , 81-89		
50	The interpolation problem with a degree constraint. <i>IEEE Transactions on Automatic Control</i> , 1999 , 44, 631-635	5.9	78
49	Worst case analysis of nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 1999 , 44, 1180-1196	5.9	31
48	l_2 state-feedback control with a prescribed rate of exponential convergence. <i>IEEE Transactions on Automatic Control</i> , 1997 , 42, 1476-1481	5.9	6
47	Robustness analysis of nonlinear feedback systems: an input-output approach. <i>IEEE Transactions on Automatic Control</i> , 1997 , 42, 1200-1221	5.9	128
46	On a large-gain theorem. <i>Systems and Control Letters</i> , 1997 , 32, 231-234	2.4	11
45	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 516-518	5.9	28
44	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 1142-1147	5.9	3
43	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 656-669	5.9	35
42	Metric uncertainty and nonlinear feedback stabilization 1995 , 88-98		8
41	Geometric aspects of the Carathéodory extension problem. <i>Linear Algebra and Its Applications</i> , 1994 , 203-204, 209-251	0.9	3
40	. <i>IEEE Transactions on Information Theory</i> , 1994 , 40, 584-588	2.8	4
39	. <i>IEEE Transactions on Automatic Control</i> , 1994 , 39, 2476-2481	5.9	43
38	The parallel projection operators of a nonlinear feedback system. <i>Systems and Control Letters</i> , 1993 , 20, 79-85	2.4	36
37	Robust Stability of Feedback Systems: A Geometric Approach Using the Gap Metric. <i>SIAM Journal on Control and Optimization</i> , 1993 , 31, 1518-1537	1.9	45
36	Upper and lower bounds for approximation in the gap metric. <i>IEEE Transactions on Automatic Control</i> , 1993 , 38, 946-951	5.9	9

35	Topological approaches to robustness 1993 , 222-241		3
34	Flexible structure experiments at JPL and WPAFB: H _∞ controller designs. <i>International Journal of Control</i> , 1993 , 58, 1-19	1.5	10
33	Differential stability and robust control of nonlinear systems. <i>Mathematics of Control, Signals, and Systems</i> , 1993 , 6, 289-306	1.3	23
32	Graphs, causality, and stabilizability: Linear, shift-invariant systems on L ₂ [0, ∞]. <i>Mathematics of Control, Signals, and Systems</i> , 1993 , 6, 195-223	1.3	51
31	. <i>IEEE Transactions on Automatic Control</i> , 1992 , 37, 1133-1143	5.9	46
30	Linear systems and robustness: a graph point of view 1992 , 114-121		4
29	On a Schur-algorithm based approach to spectral factorization: connection with the Riccati equation. <i>Linear Algebra and Its Applications</i> , 1992 , 171, 233-247	0.9	7
28	Identification of linear systems: A graph point of view 1992 ,		7
27	. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1990 , 38, 1815-1817		2
26	Robust Control of Feedback Systems with Combined Plant and Controller Uncertainty 1990 ,		8
25	Robust Stabilization in the Gap Metric: Controller Design for Distributed Plants 1990 ,		2
24	. <i>IEEE Transactions on Automatic Control</i> , 1990 , 35, 673-686	5.9	402
23	. <i>IEEE Transactions on Circuits and Systems</i> , 1989 , 36, 103-108		6
22	. <i>IEEE Transactions on Circuits and Systems</i> , 1989 , 36, 568-574		10
21	w-Stability of feedback systems. <i>Systems and Control Letters</i> , 1989 , 13, 271-277	2.4	30
20	On a Schur-algorithm based approach to spectral factorization: State-space formulae. <i>Systems and Control Letters</i> , 1988 , 10, 123-129	2.4	6
19	On the computation of the gap metric. <i>Systems and Control Letters</i> , 1988 , 11, 253-257	2.4	127
18	. <i>IEEE Transactions on Automatic Control</i> , 1988 , 33, 820-832	5.9	288

17	. <i>IEEE Transactions on Automatic Control</i> , 1988 , 33, 1161-1165	5.9	8
16	On the robust stability of linear time-invariant plants with unstructured uncertainty. <i>IEEE Transactions on Automatic Control</i> , 1987 , 32, 201-207	5.9	46
15	Interpolation of binary series based on Discrete-Time Markov Chain Models. <i>Water Resources Research</i> , 1987 , 23, 515-518	5.4	2
14	Realization of power spectra from partial covariance sequences. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1987 , 35, 438-449		94
13	A Topological Approach to Nevanlinna-Bick Interpolation. <i>SIAM Journal on Mathematical Analysis</i> , 1987 , 18, 1248-1260	1.7	45
12	Spectral Factorization and Nevanlinna-Bick Interpolation. <i>SIAM Journal on Control and Optimization</i> , 1987 , 25, 754-766	1.9	11
11	A Constructive Algorithm for Sensitivity Optimization of Periodic Systems. <i>SIAM Journal on Control and Optimization</i> , 1987 , 25, 334-340	1.9	20
10	On the robust stabilizability of uncertain linear time-invariant plants using nonlinear time-varying controllers. <i>Automatica</i> , 1987 , 23, 617-624	5.7	19
9	Linear fractional transformations and spectral factorization. <i>IEEE Transactions on Automatic Control</i> , 1986 , 31, 345-347	5.9	13
8	Skew-prime polynomial matrices: The polynomial-model approach. <i>Linear Algebra and Its Applications</i> , 1983 , 50, 403-435	0.9	18
7	Two Alternative Views on Control Design with Degree Constraint		3
6	Signal analysis, moment problems & uncertainty measures		4
5	Robustness of a relaxation oscillator		3
4	Global stability of periodic orbits in relay feedback systems		2
3	Structured Covariances and Related Approximation Questions135-140		4
2	The mixing of state statistics207-211		
1	Network Curvature as a Hallmark of Brain Structural Connectivity		5